

IN THE ABSTRACT:

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TEST DEVICE FOR FEMORAL HEAD PROSTHESIS

The invention concerns a device for testing, in a destructive or non-destructive manner, femoral head prosthesis having a blind hole for receiving the end of a femoral prosthesis rod. The device includes a frame provided with a shaft projecting from the frame, said shaft having a substantially complementary shape to said bore and being associated with means for applying a pressure onto the inner bore wall when a femoral head is fitted onto said shaft.

This device is characterised in that the shaft includes a sealed jacket having at least one deformable lateral wall portion, and a socket fitted onto said jacket and provided with elastic fingers that extend substantially facing said deformable wall portion of the jacket, and in that said jacket defines an inner chamber in communication with means supplying a pressurized fluid, such that the fluid pressure is transmitted to the inner bore wall via the deformable wall and the elastic fingers.

Figure 2